

## Abstract

### An Optoelectronic Device

5 The present invention relates to an optical device having a housing for one or more optoelectronic components, for example a semiconductor laser transmitter or a photodiode. The optoelectronic device (30), comprises an open-ended metal canister (36), an insulating substrate (34), at least one  
10 optoelectronic component (42) mounted on said substrate, and one or more electrical connections (39,44,49) made to said component(s) (42). The insulating substrate (34) closes the open end (37) of the metal canister (36) so that the metal canister and insulating substrate (34) together form a  
15 housing (32) for one or more of said components (42) mounted on the substrate (34). The insulating substrate (34) acts as a circuit board to carry said electrical connections from said component(s) externally of the housing (32). The canister (36) has at least one optical port (38) by which  
20 optical radiation (45) may be transmitted into and/or out of said housing (32).

Figure 1